



MERCHANT & GOULD P.C.

United States Patent Application

COMBINED DECLARATION AND POWER OF ATTORNEY

med inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

are named below) of the si	am the original, first and sole inventor (ubject matter which is claimed and for v N AND SWITCHING JACK	if only one name is listed belowhich a patent is sought on the	w) or a joint inventor (if plural inventors invention entitled: ELECTRONIC
The specification of which a. ☐ is attached hereto b. ☒ was filed on April 6 PCT-filed application) des for which I solicit a Unite	, 2001 as Patent Application Serial No. scribed and claimed in international no.	09/828,706 and was amend filed and as amended o	
I hereby state that I have rany amendment referred t	reviewed and understand the contents of o above.	the above-identified specifica	tion, including the claims, as amended by
certificate listed below an that of the application on a. 🔀 no such application	d have also identified below any foreign the basis of which priority is claimed:	ites Code, § 119/365 of any for application for patent or inve	reign application(s) for patent or inventor's ntor's certificate having a filing date before
	FOREIGN APPLICATION(S), IF ANY,	CLAIMING PRIORITY UNDER 3	35 USC § 119
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	DATE OF ISSUE (day, month, year)
	ALL FOREIGN APPLICATION(S), IF ANY,	FILED BEFORE THE PRIORITY	APPLICATION(S)
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	DATE OF ISSUE (day, month, year)
I have by alaim the benefit	t under Title 35. United States Code. 8	120/365 of any United States a	and PCT international application(s) listed

below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. APPLICATION NUMBER	DATE OF FILING (day, month, year)	STATUS (patented, pending, abandoned)

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

U.S. PROVISIONAL APPLICATION NUMBER	DATE OF FILING (Day, Month, Year)

I acknowledge the duty to disclose in action that is material to the patentability of this cation in accordance with Title 37. Code of Federal Regulations, § 1.56 (reprinted below):

§ 1.56 Duty to disclose information material to patentability.

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
 - (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and
 - (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim;

or

- (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application:
 - (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.
- (e) In any continuation-in-part application, the duty under this section includes the duty to disclose to the Office all information known to the person to be material to patentability, as defined in paragraph (b) of this section, which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby appoint the following attor and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

Trademark Office connected her	ewitti.		
Albrecht, John W.	Reg. No. 40,481	Leonard, Christopher J.	Reg. No. 41,940
Ali, M. Jeffer	Reg. No. 46,359	Liepa, Mara E.	Reg. No. 40,066
Anderson, Gregg I.	Reg. No. 28,828	Lindquist, Timothy A.	Reg. No. 40,701
Batzli, Brian H.	Reg. No. 32,960	Lycke, Lawrence E.	Reg. No. 38,540
Beard, John L.	Reg. No. 27,612	Mayfield, Denise L.	Reg. No. 33,732
Berns, John M.	Reg. No. 43,496	McDonald, Daniel W.	Reg. No. 32,044
Black, Bruce E.	Reg. No. 41,622	McIntyre, Jr., William F.	Reg. No. 44,921
	Reg. No. 41,633	Mitchem, M. Todd	Reg. No. 40,731
Branch, John W. Bremer, Dennis C.	Reg. No. 40,528	Mueller, Douglas P.	Reg. No. 30,300
	Reg. No. 34,130	Nichols, A. Shane	Reg. No. 43,836
Bruess, Steven C.	Reg. No. 32,404	Parsons, Nancy J.	Reg. No. 40,364
Byrne, Linda M.	Reg. No. 46.597	Pauly, Daniel M.	Reg. No. 40,123
Campbell, Keith	Reg. No. 25,959	Phillips, Bryan K.	Reg. No. 46,990
Carlson, Alan G.	Reg. No. 33,227	Phillips, John B.	Reg. No. 37,206
Caspers, Philip P.	Reg. No. 39,634	Prendergast, Paul	Reg. No. 46,068
Chiapetta, James R.	Reg. No. 30,247	Pytel, Melissa J.	Reg. No. 41,512
Clifford, John A.	Reg. No 44,084	Qualey, Terry	Reg. No. 25,148
Coldren, Richard J	Reg. No. 25,968	Reich, John C.	Reg. No. 37,703
Daignault, Ronald A.	Reg. No. 34,994	Reiland, Earl D.	Reg. No. 25,767
Daley, Dennis R.	Reg. No. 40,579	Roberts, Fred	Reg. No. 34,707
Dalglish, Leslie E.		Samuels, Lisa A.	Reg. No. 43,080
Daulton, Julie R.	Reg. No. 36,414	Schmaltz, David G.	Reg. No. 39,828
DeVries Smith, Katherine M.	Reg. No. 42,157	Schuman, Mark D.	Reg. No. 31,197
DiPietro, Mark J.	Reg. No. 28,707	Schumann, Michael D.	Reg. No. 30,422
Edell, Robert T.	Reg. No. 20,187	Scull, Timothy B.	Reg. No. 42,137
Epp Ryan, Sandra	Reg. No. 39,667	Sebald, Gregory A.	Reg. No. 33,280
Glance, Robert J.	Reg. No. 40,620	Skoog, Mark T.	Reg. No. 40,178
Goggin, Matthew J.	Reg. No. 44,125	Spellman, Steven J.	Reg. No. 45,124
Golla, Charles E.	Reg. No. 26,896	Stoll-DeBell, Kirstin L.	Reg. No. 43,164
Gorman, Alan G.	Reg. No. 38,472	Sumner, John P.	Reg. No. 29,114
Gould, John D.	Reg. No. 18,223	Swenson, Erik G.	Reg. No. 45,147
Gregson, Richard	Reg. No. 41,804	Tellekson, David K.	Reg. No. 32,314
Gresens, John J.	Reg. No. 33,112	Trembath, Jon R.	Reg. No. 38,344
Hamer, Samuel A.	Reg. No. 46,754	Tuchman, Ido	Reg. No. 45,924
Hamre, Curtis B.	Reg. No. 29,165	Tunheim, Marcia A	Reg. No. 42,189
Harrison, Kevin C.	Reg. No. 46,759	Underhill, Albert L.	Reg. No. 27,403
Hertzberg, Brett A.	Reg. No. 42,660	Vandenburgh, J. Derek	Reg. No. 32,179
Hillson, Randall A.	Reg. No. 31,838	Wahl, John R.	Reg. No. 33,044
Holzer, Jr., Richard J.	Reg. No. 42,668	Weaver, Karrie G.	Reg. No. 43,245
Johnston, Scott W.	Reg. No. 39,721	Welter, Paul A.	Reg. No. 20,890
Kadievitch, Natalie D.	Reg. No. 34,196	Whipps, Brian	Reg. No. 43,261
Karjeker, Shaukat	Reg. No. 34,049	Whitaker, John E.	Reg. No. 42,222
Kettelberger, Denise	Reg. No. 33,924	Wickhem, J. Scot	Reg. No. 41,376
Keys, Jeramie J.	Reg. No. 42,724	Williams, Douglas J.	Reg. No 27,054
Knearl, Homer L.	Reg. No. 21,197	Withers, James D.	Reg. No 40,376
Kowalchyk, Alan W.	Reg. No. 31,535	Witt, Jonelle	Reg. No. 41,980
Kowalchyk, Katherine M.	Reg. No. 36,848	Wu, Tong	Reg. No. 43,361
Lacy, Paul E.	Reg. No. 38,946	Wu, Tong Xu, Min S.	Reg. No. 39,536
Larson, James A.	Reg. No. 40,443	Zeuli, Anthony R.	Reg. No. 45,255
Leon, Andrew J.	Reg. No. 46,869	Zeun, Anthony K.	

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/ organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Merchant & Gould P.C. to the contrary.

I understand that the execution of this document, and the grant of a power of attorney, does not in itself establish an attorney-client relationship between the undersigned and the law firm Merchant & Gould P.C., or any of its attorneys.

Please direct all correspondence in this case to Merchant & Gould P.C. at the address indicated below:

Merchant & Gould P.C. P.O. Box 2903 Minneapolis, MN 55402-0903



I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

en Name
Citizenship
Code/Country
USA
en Name
Citizenship
Code/Country
USA
· /
en Name
Citizenship
Code/Country



MERCHANT & GOULD P.C.

United States Patent Application

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: ELECTRONIC SIGNAL TRANSMISSION AND SWITCHING JACK

SIGIME IMMISSION			
The specification of which a. ☐ is attached hereto b. ☑ was filed on April 6, 2 filed application) described a which I solicit a United State	and claimed in international ire	260US01 and was amended and as amended on	d on (if applicable) (in the case of a PCT (if any), which I have reviewed and for
I hereby state that I have rev any amendment referred to a		f the above-identified specific	ation, including the claims, as amended by
certificate listed below and I that of the application on the a. \(\text{\text{\$\sigma}} \) no such applications I	have also identified below any foreig e basis of which priority is claimed:	ates Code, § 119/365 of any for application for patent or inv	oreign application(s) for patent or inventor's entor's certificate having a filing date before
	FOREIGN APPLICATION(S), IF ANY	, CLAIMING PRIORITY UNDER	35 USC § 119
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	DATE OF ISSUE (day, month, year)
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II have being the honefit y	ndor Title 35 United States Code 8	120/365 of any United States	and PCT international application(s) listed

I hereby claim the benefit under Title 35, United States Code, § 120/365 of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

		CTACTUS (restanted panding abandoned)
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and to transact all business in the Patent and

I hereby appoint the following attor Trademark Office connected herewith.

Trademark Office confected fict	CWITT.		5 31 41 040
Albrecht, John W.	Reg. No. 40,481	Leonard, Christopher J.	Reg. No. 41,940
	Reg. No. 46,359	Liepa, Mara E.	Reg. No. 40,066
Ali, M. Jeffer	Reg. No. 28,828	Lindquist, Timothy A.	Reg. No. 40,701
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Clifford, John A.	Reg. No. 30,247	Qualey, Terry	Reg. No. 25,148
Coldren, Richard J	Reg. No 44,084	Reich, John C.	Reg. No. 37,703
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Daley, Dennis R.	Reg. No. 34,994	Roberts, Fred	Reg. No. 34,707
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Kettelberger, Denise	Reg. No. 33,924	Whitaker, John E.	Reg. No. 42,222
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Lacy, Paul E.	Reg. No. 40,443	Xu, Min S.	Reg. No. 39,536
Larson, James A.	Reg. No. 46,869	Zeuli, Anthony R.	Reg. No. 45,255
Leon, Andrew J.	106.110.10,000		

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/ organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Merchant & Gould P.C. to the contrary.

I understand that the execution of this document, and the grant of a power of attorney, does not in itself establish an attorney-client relationship between the undersigned and the law firm Merchant & Gould P.C., or any of its attorneys.

Please direct all correspondence in this, use to Merchant & Gould P.C. at the address indiemed below:

Merchant & Gould P.C. P.O. Box 2903 Minneapolis, MN 55402-0903



I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name	Family Name	First Given Name	Second Given Name
2 Of Inventor	FOLLINGSTAD	MICHAEL	
0 Residence	City	State or Foreign Country	Country of Citizenship
& Citizenship	e EDINA	MINNESOTA	USA
1 Mailing	Address	City	State & Zip Code/Country
Address	5825 YORK AVENUE	EDINA	MN 55410-USA
Signature of Invent	or 201: Miland O rate		Date:
Full Name	Family Name	First Given Name	Second Given Name
2 Of Inventor	ADAMS	PETER	
Residence	City	State or Foreign Country	Country of Citizenship
& Citizenship	n MINNEAPOLIS	MINNESOTA	USA
2 Mailing	Address	City	State & Zip Code/Country
Address	2714 PIERCE STREET NE	MINNEAPOLIS	MN 55418-USA
Signature of Invent	or 202:	E	Pate:
Full Name	Family Name	First Given Name	Second Given Name
Of Inventor	PETERS	JEFFREY	
Residence	City	State or Foreign Country	Country of Citizenship
& Citizenship	• EAGAN	MINNESOTA	USA
Mailing	Address	City	State & Zip Code/Country
Address	2057 ROYALE DRIVE	EAGAN	MN 55122
Signature of Invent	or 203:	ļ r	Date: 8/20/0/
			7//////